



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY OF COMMERCE AND  
COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

**NOTICE OF FILING/CLAIM FEE(S) DUE**  
TO ENSURE PROPER CREDIT OF FEES, PLEASE RETURN A COPY OF THE  
FEE CALCULATION SHEET WITH YOUR RESPONSE.

APPLICATION NUMBER: 09/211715

**Total Fee Calculation**

<u>Fee Code</u>	<u>Total # Claims</u>	<u>Number Extra</u>	<u>X</u>	<u>Fee</u>	<u>Fee =</u>	<u>Total</u>
					<u>Sm. Equity</u>	<u>Lg. Equity</u>
Basic Filing Fee	<u>201/101</u>					
Total Claims > 20	<u>203/103</u>	<u>16</u>	<u>-20 =</u>	<u>X</u>		<u>76.0</u>
Independent Claims > 3	<u>202/102</u>	<u>13</u>	<u>-3 =</u>	<u>X</u>		<u>10.8</u>
Mult. Dep. Claim Present:	<u>204/104</u>					<u>78.0</u>
Surcharge	<u>205/105</u>					
English Translation	<u>139</u>					<u>1.30</u>

**TOTAL FEE CALCULATION**

177.8

Fees due upon filing the application:

Total Filing Fees Due = \$ 177.8

Less Filing Fees Submitted - \$ 0

BALANCE DUE = \$ 177.8

177.8

**PATENT APPLICATION FEE DETERMINATION RECORD**

Effective November 10, 1998

Application or Docket Number

19011115

**CLAIMS AS FILED - PART I**

(Column 1) (Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE		
TOTAL CLAIMS	24 minus 20 = *	4
INDEPENDENT CLAIMS	13 minus 3 = *	10
MULTIPLE DEPENDENT CLAIM PRESENT		

\* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY  
TYPE

OR OTHER THAN  
SMALL ENTITY

RATE	FEES	RATE	FEES
	380.00	OR	760.00
X\$ 9=		OR	X\$18= 108
X39=		OR	X78= 780
+130=		OR	+260=
TOTAL		OR	TOTAL 1648

**CLAIMS AS AMENDED - PART II**

(Column 1) (Column 2) (Column 3)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	*	Minus	** =
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				

SMALL ENTITY OR OTHER THAN  
SMALL ENTITY

RATE	ADDI- TIONAL FEE	RATE	ADDI- TIONAL FEE
X\$ 9=		OR	X\$18=
X39=		OR	X78=
+130=		OR	+260=
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE

(Column 1) (Column 2) (Column 3)

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	*	Minus	** =
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				

RATE	ADDI- TIONAL FEE	RATE	ADDI- TIONAL FEE
X\$ 9=		OR	X\$18=
X39=		OR	X78=
+130=		OR	+260=
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE

(Column 1) (Column 2) (Column 3)

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	*	Minus	** =
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				

RATE	ADDI- TIONAL FEE	RATE	ADDI- TIONAL FEE
X\$ 9=		OR	X\$18=
X39=		OR	X78=
+130=		OR	+260=
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.